

```
semaphore customer_count, server_count, mutex;  
customer_count = 0; server_count = 0; mutex = 1;
```

```
process customer_i(){
```

取号;

P(mutex);

等待区找到空沙发坐下;

V(mutex);

V(customer_count);

P(server_count);

}

```
process server_j(){
```

L: P(customer_count);

P(mutex);

被叫到号的顾客离开沙发走出等待区;

V(mutex);

为该号客人服务;

客人离开;

V(server_count);

goto L;

}